

Title (en)  
SILICAS

Title (de)  
SILIZIUMOXIDE

Title (fr)  
SILICES

Publication  
**EP 1530613 A1 20050518 (EN)**

Application  
**EP 03790825 A 20030729**

Priority  
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Abstract (en)  
[origin: WO2004020531A1] Silanised, structurally modified silicas, characterised by groups fixed on the surface, the groups being alkylsilyl (SiCnH2n+1, with n=2 - 18). They are produced in that pyrogenically produced silicas are treated with the silanising agent and structurally modified. They are used to improve scratch resistance in lacquers.

IPC 1-7  
**C09C 1/30**; **C09D 7/12**

IPC 8 full level  
**C01B 33/18** (2006.01); **C09C 1/30** (2006.01); **C09C 3/12** (2006.01); **C09D 7/12** (2006.01)

CPC (source: EP KR US)  
**B82Y 30/00** (2013.01 - EP US); **C01B 33/00** (2013.01 - KR); **C08K 7/26** (2013.01 - KR); **C09C 1/30** (2013.01 - KR); **C09C 1/3081** (2013.01 - EP US); **C09D 7/62** (2017.12 - EP US); **C01P 2004/64** (2013.01 - EP US); **C01P 2006/10** (2013.01 - EP US); **C01P 2006/11** (2013.01 - EP US); **C01P 2006/12** (2013.01 - EP US); **C01P 2006/19** (2013.01 - EP US); **C08K 3/36** (2013.01 - EP US); **C08K 9/06** (2013.01 - EP US)

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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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